

$$\frac{x^2+9}{x^2-25x}$$

$$\frac{x^2-1}{(x+1)^2}$$

$$\frac{x^2-2x+6}{x^3-6x^2+5x}$$

$$\frac{x^2-10}{x^2+5x}$$

$$\frac{x+4}{x^2-5x}$$

$$\frac{x-5}{x^2+x}$$

$$\frac{(x-5)(x-1)}{(x-5)^2}$$

$$\frac{x+5}{x^2-1}$$

$$\frac{x^2+5x-1}{x^2+6x+5}$$

$$\frac{(x-1)(x+3)}{x^2-4x-5}$$

$$\begin{array}{l} x \neq 0 \\ x \neq -5 \\ x \neq 5 \end{array}$$

$$\begin{array}{l} x \neq 0 \\ x \neq -1 \end{array}$$

$$x \neq 5$$

$$\begin{array}{l} x \neq 0 \\ x \neq 5 \end{array}$$

$$\begin{array}{l} x \neq 1 \\ x \neq -1 \end{array}$$

$$x \neq -1$$

$$\begin{array}{l} x \neq 0 \\ x \neq 1 \\ x \neq 5 \end{array}$$

$$\begin{array}{l} x \neq -1 \\ x \neq -5 \end{array}$$

$$\begin{array}{l} x \neq 5 \\ x \neq -1 \end{array}$$

$$\begin{array}{l} x \neq 0 \\ x \neq -5 \end{array}$$